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PHOTOGRAPHIC INTERPRETATION REPORT

SHANG-HAI SHIPYARD SHANG-HAI DOCKYARDS (INTERNATIONAL DOCK) SHANG-HAI, CHINA



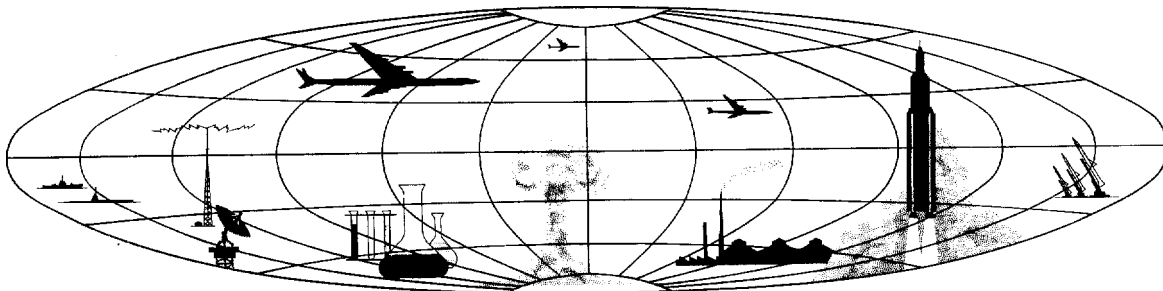
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SHANG-HAI SHIPYARD SHANG-HAI DOCKYARDS (INTERNATIONAL DOCK), SHANG-HAI, CHINA

INTRODUCTION

This report is one of a series describing Chinese Communist shipyards and ports as observed on aerial photography.

The Shang-hai Shipyard Shang-hai Dockyards is located in Shang-hai on the southeast bank of the Huang-pu Chiang (River) at 31-15-00N 121-33-10E (Figure 1). Alternate names for the shipyard include International Dockyard, International Dock Shipyard, and Shang-hai Shipyard (East).

DESCRIPTION

Shipyard facilities consist of 6 building ways, a transverse launching system, a graving

dock, fitting-out wharves, and approximately 65 buildings. Handling equipment consists of 1 portal jib crane and a mobile crane. The building ways appear to be for the construction of minor surface combatants, coasters, and river craft. Facilities and vessels observed at the shipyard are given in Figure 2 and Table 1, respectively. Item numbers are keyed to Figure 2.

The shipbuilding and repair facilities of the yard include a shipbuilding area, a graving dock, and fitting-out wharves. The shipbuilding area is at the downstream end of the yard and is separately secured. It consists of 6 building ways, a transverser, side launching ways and

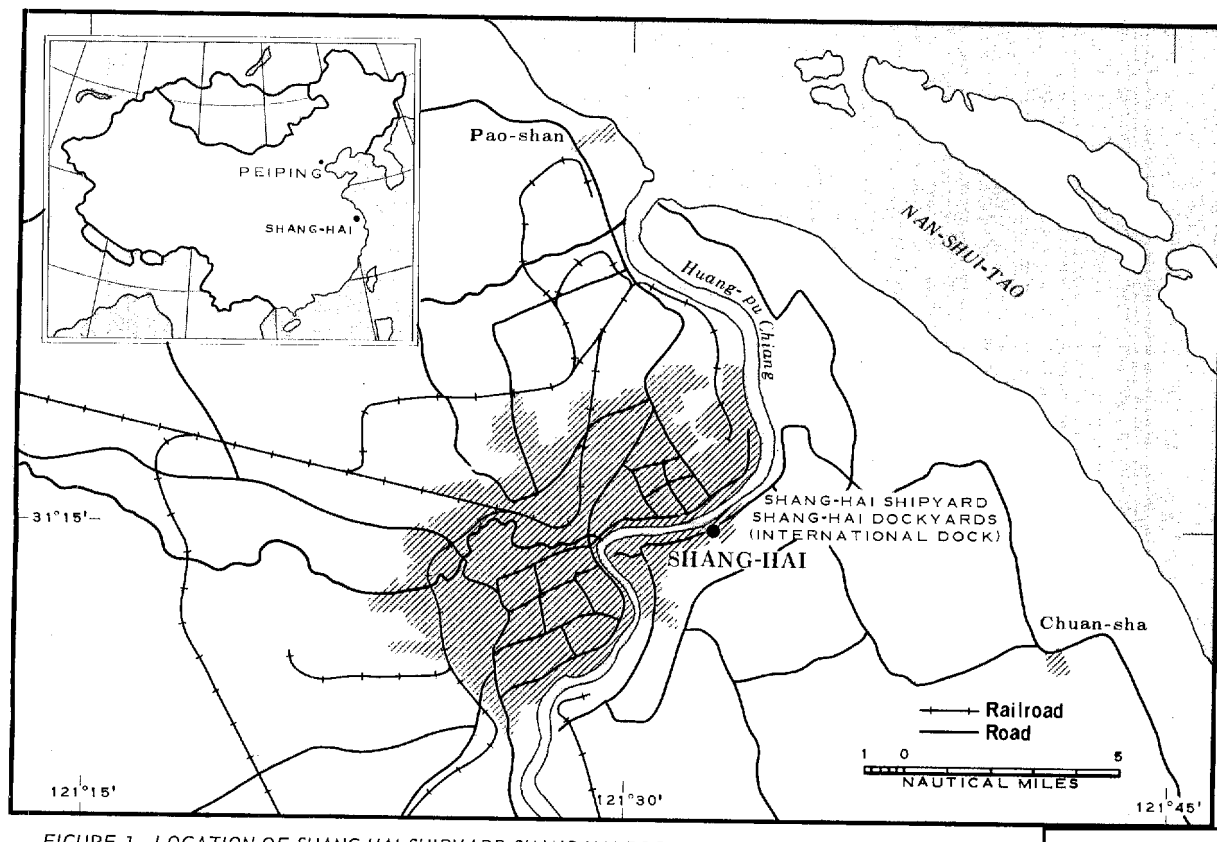


FIGURE 1. LOCATION OF SHANG-HAI SHIPYARD SHANG-HAI DOCKYARDS (INTERNATIONAL DOCK), SHANG-HAI, CHINA.

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a launching basin. Building ways 1B through 1F are 440 feet long and building way 1A is 230 feet long. The launching ways have an overall width of 175 feet and the launching cradle is 170 by 10 feet. The graving dock, upstream from the launching basin, is 555 by 120 feet

at the top and 510 by 55 feet at its floor. Most of the fitting-out wharves are upstream from the graving dock; the major section consists of an offshore wharf and 4 pontoon wharves which have an overall length of 1,125 feet. A portal jib crane serves approximately 340

Table 1. Vessels (Keyed to Figure 2)

Location	Identification	Size (ft)/ Configuration/ Hatches	Status	Identification	Size (ft)/ Configuration/ Hatches	Status
1A	Coaster	165 x 30/--/1	U/C	Probable LSM	200 x 35	U/C
1B	2 u/i small craft	95 x 25/--/2	U/C	2 u/i small craft	90 x 20	U/C
				1 PT-type hull (possible Osa-class PTFG)	125 x 20	U/C
1C	2 Probable Shang-hai- class PTF	120 x 20	U/C	1 PT-type hull (possible Komar-class PTG, P-6- class PT or Swatow- class PGM)		U/C
1D	1 u/i small craft	65 x 15	U/C			
1E	1 Coaster	170 x 30/--/1	U/C	2 Coasters	160 x 30	U/C
					165 x 30	U/C
1F	1 u/i vessel under weather sheds	Not greater than 200	U/C	1 u/i vessel	at least 160 x 30	U/C
	2 Probable Shang-hai- class PTF	120 x 20	U/C			
2A				1 u/i small craft	85 x 20	
3	2 Barges	60 x 15		1 PT hull	40 x 15	
	1 Possible dredge	40 x 15		1 Dredge		
4	1 Riga-class DE			1 Possible Kronshtadt class PC	170 LOA	
				1 Coaster	160 LOA	
25	1 Possible Kaibokan I- class PF	220 x 25		1 Possible Kaibokan I- class PF	220 LOA	Repair
	1 Tanker	325 x 50		1 u/i tanker	300 LOA	Repair
	1 u/i freighter	335 x 50/KKF/2		1 u/i vessel	125 LOA	Repair
	1 u/i possible PGM	80 x 15				
	2 u/i small craft	50 x 10				
29, 30,	1 W-class SS		Repair	1 Riga-class DE		Repair
31 & 32	1 Probable Haskidate- class OPF	260 x 30	Repair	1 Oiler		Repair
				1 Possible Haskidate- class OPF	260 x 30	Repair
	1 Probable Shang-hai- class PTF	120 x 20	Repair	1 Possible Kaibokan II- class PF		Repair
	3 Probable Swatow- class PGM	85 x 20	Repair	1 Possible PGM	85 LOA	Repair
	1 Possible GRC Hain- ing-class PR	160 x 30	Repair	2 LST-1-class LST		Repair
	2 Possible PGM	80 x 20	Repair	5 Coaster/Barges	145-205	Repair
	2 MK 5/MK 6-class LCU	120 x 30	Repair	Numerous barges and small craft		Repair
	4 Probable coasters	150-165 LOA	Repair			
	Numerous barges and small craft		Repair			

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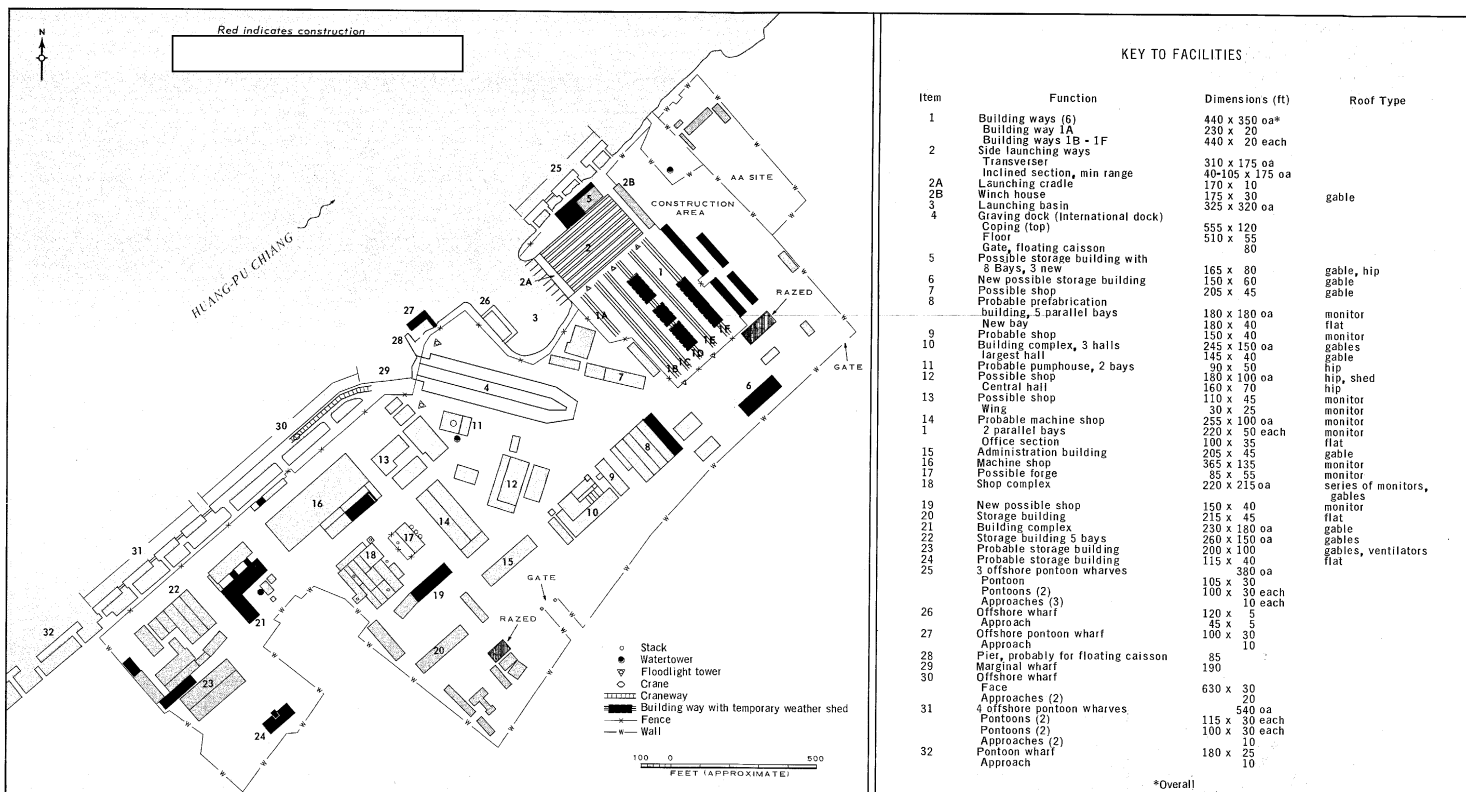


FIGURE 2. SHANG-HAI SHIPYARD SHANG-HAI DOCKYARDS (INTERNATIONAL DOCK), SHANG-HAI, CHINA.

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feet of the offshore wharf. Three pontoon wharves at the downstream end of the yard provide an additional 380 feet of wharfage.

The shipyard contains approximately 65 buildings. These include a probable prefabrication building, a machine shop, a probable machine shop, a possible forge, an administration building, shops, and storage buildings. The industrial buildings are located in the center of the yard near the graving dock. Storage buildings and yards are located at both ends of the yard.

Security measures include a perimeter

wall and a fence between the wharves and the yard. An unoccupied AA site is within the walls. The shipyard is not accessible by rail.

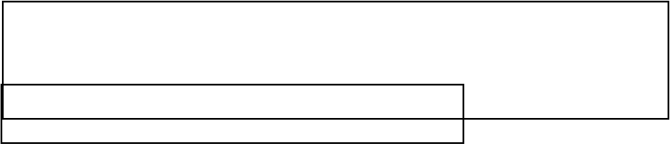
The only significant changes observed are the expansion of the probable prefabrication building, the construction of a possible shop, and the construction or expansion of approximately 10 storage buildings. Construction appears to be continuing at the downstream end of the yard adjoining the building ways.

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REFERENCES

PHOTOGRAPHY

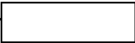


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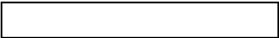
MAPS OR CHARTS

PACAF. US Air Target Mosaic, Series 50, Sheet S0492-2/14MA, 1st ed, Dec 62 (SECRET)



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REQUIREMENT



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NPIC PROJECT

13037/64 (partial answer)

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